ELITE
CHANGE YOUR RIDE

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Style and performances, elegance and quality.
A minimalist architecture, the ideal solution for your indoor bike training.
That's **Tuo**, Elite's new indoor hometrainer created in cooperation with **Adriano Design**.
Tuo is a wheel-on interactive hometrainer with automatic resistance adjustment: the hometrainer wirelessly interacts with any app, software, computer, smartphone and tablet via the double ANT+™ FE-C and Bluetooth FTMS communication protocols.
It's a reliable technological companion to bring your training sessions to the next level - at the same time it's a sophisticated designer furnishing.
It's the ideal integration to your house, both when you're training or when you're done using it.

BEAUTIFUL DURING USE, ELEGANT WHEN STORED

Tuo was created to offer a tool with a **superior design** that meets every training requirement you might have.
Beautiful during use and elegant when stored, the hometrainer features a solid and compact structure with a **metal frame and beechwood legs**: one of the most beautiful, resistant and sturdy types of wood used in interiors furnishings.
It's perfect to absorb shocks and strains while training and still ensure great stability - the frame's simple and distinctive design turns **Tuo** into the ideal designer furnishing to place in your living room or any other part of the house or office when you're not using it.

COMPACT STRUCTURE, COMFORT AND SAFETY

Other than the **anti-slip rubber feet**, **Tuo** includes easily foldable frame and legs in order to ensure **quick setup** and **small footprint** under any circumstance.
When stored, the frame goes over the unit, for a super compact configuration. It's ideal to store your hometrainer anywhere you want and still have your house / office look tidy and neat.

LIGHTNESS AND COMPATIBILITY

It only weighs a little over 10kg so it's very light and easy to transport - **Tuo** also has another key point: **a frame that also supports bigger-sized chainstays**.
Other than the wheel-on configuration, very versatile by its own nature, **Tuo** lets you streamline the installation of the bicycle on the hometrainer via a side micro-adjustment mechanism.
Other than that, there are two ways you can position the hometrainer unit as a function of the size of the wheel you want to install.
To do so you must install the unit in one of the two possible configurations and replace the pre-assembled spacers with another couple of spacers provided out of the box when purchasing the hometrainer.
By doing so you'll be able to appropriately position the unit for **race and mtb bicycles des roues 26'' jusque 29''**.
Tuo is compatible with bicycles with 130x55 hubs and Quick Release up to bicycles with Boost thru-axle with 148x12mm hubs.

ELASTOGEL ROLLER

The wheel of the bicycle rests on an **Elastogel** roller, an exclusive polyurethane molecule developed and tested by Elite that decreases noise output due to friction by 50%.
The molecule doesn't just ensure greater adherence of the tyre on the roller, it also decreases its wear by 20%.

A WIDE RANGE OF POWER OUTPUT

Tuo is a hometrainer with **electronically managed magnetic resistance** the accurately replicates outdoor training sessions by ensuring an excellent pedalling roundness and a wide range of power output, up to 1300W at 40 km/h.
Pedalling resistance is generated by an integrated magnetic technology braking unit that automatically adjusts resistance by simulating **slope up to 10%**, ideal to safely

conduct threshold and out-of-the-saddle sprints.

HOW TUO MEASURES POWER

Tuo measures power output with a **±5% accuracy**, one of the highest among Elite's range of wheel-on hometrainers.
In order to offer a pedalling experience as realistic as possible as a function of power, **Tuo**, in cooperation with the **Fraunhofer Institute for Industrial Mathematics ITWM, Deutschland**, introduces a **new algorithm** developed by Elite, created to ensure a power value calculation based on real pedalling variations by the cyclist while training.
To do so, the algorithm doesn't just use speed, weight and slope data, it also considers the effect of the energy stored by the flywheel against sudden variations of speed, both when accelerating or decelerating.
Tuo also allows you to use an ergometer already on your bicycle as a power source via the **Power Meter Link (PML)**, a function where the hometrainer, via the My E-Training software, aligns the resistance to the power measured by the ergometer.

SENSORLESS CADENCE

All hometrainers by Elite immediately send **power**, **speed and cadence** data in order to faithfully simulate outdoor pedalling, thus creating a totally realistic and effective training session. Cadence is measured on the **Tuo** via the practical sensorless technology, that is no sensors to apply to your bicycle, and is calculated as a function of variations of speed.

TOTAL INTERACTIVITY

Tuo is a totally interactive hometrainer thanks to the double **ANT+™ FE-C and Bluetooth** communication protocols, interacting with **any app**, **software**, **computer**, **smartphone and tablets via iOS**, **Android**, **OSX and Windows** in order to obtain total customization and interactivity for your indoor training sessions.
With any **Tuo** purchase Elite includes a free **12-month subscription to the My E-Training software**, the Elite-developed software that creates customized training programs, evaluates your own functional threshold value via the FTP test and lets you enjoy your training sessions via real videocourses and courses based on Google Maps.
At the same time **Tuo** is compatible with other indoor cycling platforms such as Zwift, TrainerRoad, Kinomap, Rouvy and many more.

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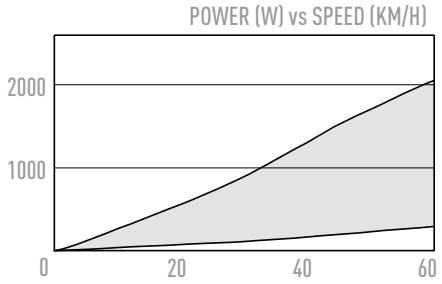

FEATURES

HOME TRAINER TYPE	Interactive wheel-on configuration trainer
WIRELESS COMMUNICATION	ANT+ (FE-C, Power, Speed&Cadence) and Bluetooth (FTMS, Power, Speed&Cadence)
MAX SLOPE SIMULATED	10%
MAX POWER	550 Watt (20km/h) - 1300 Watt (40km/h)
CONTROL VIA	Smartphone, tablet, bike computer, sports watches, Windows and Mac. Computer ANT+ and/or Bluetooth
ACCURACY	± 5%
COMPATIBLE WITH	My E-Training software & app Zwift, Trainer Road, Kinomap and more
FLYWHEEL	2,3 kg
BIKE COMPATIBILITY	Road, Gravel, Mountain and city bikes.
	Included adapters for: Quick release Ø 5x130-135 Thru-axle Ø 12x142 Thru-axle Ø 10x135-12x135 Specialized SCS Ø 12x135 Boost** Ø 12x148 **Maximum outer width of the rear stay and fork groupset of the bike: 188 mm / 7.40 inches.
CONNECTION INDICATOR	Power source, ANT+ and Bluetooth (3 LED lights)
FIRMWARE UPDATE AVAILABLE	Yes
INCLUDES	12-month free subscription to My E-Training software & app

SPECIFICATIONS

POWER SUPPLY DATA	Input 100-240 volts 50-60 hz 0,6A - output 12 volts 1,5A
OPEN SIZE (L x W x H)	680 x 690 x 410 mm / 22,80" x 27,16" x 16,14"
CLOSED (L x W x H)	430 x 315 x 560 mm / 17,00" x 12,40" x 22,04"
WEIGHT	10,3 kg / 22,70 lbs